


# ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

<b>Title of Invention</b>	<b>AV DEVICE HAVING AN OPTIMIZATION PROGRAM AND METHOD FOR OPTIMIZING AV SIGNALS</b>																																																																																																																														
Submission Type :	Utility Patent Filing																																																																																																																														
Application Number:	10/707353																																																																																																																														
EFS ID:	51853																																																																																																																														
Server Response:	<table border="1"> <thead> <tr> <th>Confirmation Code</th> <th>Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>1352</td> </tr> </tbody> </table>			Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	1352																																																																																																																						
Confirmation Code	Message																																																																																																																														
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																																																																																														
ICON1	1352																																																																																																																														
First Named Applicant:	Yu-Chieh Lin																																																																																																																														
Attorney Docket Number:	PMXP0173USA																																																																																																																														
Timestamp:	2003-12-08 20:26:57 EDT																																																																																																																														
From:	us																																																																																																																														
File Listing:	<table border="1"> <thead> <tr> <th>Doc. Name</th> <th>File Name</th> <th>Size (Bytes)</th> <th>Date Produced (yyyymmdd)</th> </tr> </thead> <tbody> <tr><td>us-fee-sheet</td><td>PMXP0173-usfees.xml</td><td>2012</td><td>2003-12-08</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.xml</td><td>24912</td><td>2003-12-08</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td><td>2003-12-08</td></tr> <tr><td>us-declaration</td><td>PMXP0173-usdecl.xml</td><td>648</td><td>2003-12-08</td></tr> <tr><td>us-declaration</td><td>us-declaration.dtd</td><td>3833</td><td>2003-12-08</td></tr> <tr><td>us-declaration</td><td>us-declaration.xml</td><td>10015</td><td>2003-12-08</td></tr> <tr><td>us-power-of-attorney-grant</td><td>PMXP0173-uspoat.xml</td><td>981</td><td>2003-12-08</td></tr> <tr><td>us-power-of-attorney-grant</td><td>us-power-of-attorney-grant.dtd</td><td>4923</td><td>2003-12-08</td></tr> <tr><td>us-power-of-attorney-grant</td><td>us-power-of-attorney-grant.xml</td><td>12448</td><td>2003-12-08</td></tr> <tr><td>us-assignment</td><td>PMXP0173-usassn.xml</td><td>1426</td><td>2003-12-08</td></tr> <tr><td>us-assignment</td><td>us-assignment.xml</td><td>8983</td><td>2003-12-08</td></tr> <tr><td>us-assignment</td><td>us-assignment.dtd</td><td>10898</td><td>2003-12-08</td></tr> <tr><td>us-assignment</td><td>PMXP0173ASS1.tif</td><td>56910</td><td>2003-12-08</td></tr> <tr><td>us-request</td><td>PMXP0173-usrequ.xml</td><td>1554</td><td>2003-12-08</td></tr> <tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2003-12-08</td></tr> <tr><td>us-request</td><td>us-request.xml</td><td>33300</td><td>2003-12-08</td></tr> <tr><td>application-body</td><td>PMXP0173-trans.xml</td><td>17616</td><td>2003-12-08</td></tr> <tr><td>application-body</td><td>us-application-body.xml</td><td>83497</td><td>2003-12-08</td></tr> <tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2003-12-08</td></tr> <tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2003-12-08</td></tr> <tr><td>application-body</td><td>mathml2.dtd</td><td>54588</td><td>2003-12-08</td></tr> <tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2003-12-08</td></tr> <tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2003-12-08</td></tr> <tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2003-12-08</td></tr> <tr><td>application-body</td><td>isoamsc.ent</td><td>1460</td><td>2003-12-08</td></tr> <tr><td>application-body</td><td>isoamsn.ent</td><td>5620</td><td>2003-12-08</td></tr> <tr><td>application-body</td><td>isoamso.ent</td><td>1934</td><td>2003-12-08</td></tr> <tr><td>application-body</td><td>isoamsr.ent</td><td>7073</td><td>2003-12-08</td></tr> <tr><td>application-body</td><td>isogr3.ent</td><td>3559</td><td>2003-12-08</td></tr> <tr><td>application-body</td><td>isomfrk.ent</td><td>4553</td><td>2003-12-08</td></tr> </tbody> </table>			Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-fee-sheet	PMXP0173-usfees.xml	2012	2003-12-08	us-fee-sheet	us-fee-sheet.xml	24912	2003-12-08	us-fee-sheet	us-fee-sheet.dtd	11069	2003-12-08	us-declaration	PMXP0173-usdecl.xml	648	2003-12-08	us-declaration	us-declaration.dtd	3833	2003-12-08	us-declaration	us-declaration.xml	10015	2003-12-08	us-power-of-attorney-grant	PMXP0173-uspoat.xml	981	2003-12-08	us-power-of-attorney-grant	us-power-of-attorney-grant.dtd	4923	2003-12-08	us-power-of-attorney-grant	us-power-of-attorney-grant.xml	12448	2003-12-08	us-assignment	PMXP0173-usassn.xml	1426	2003-12-08	us-assignment	us-assignment.xml	8983	2003-12-08	us-assignment	us-assignment.dtd	10898	2003-12-08	us-assignment	PMXP0173ASS1.tif	56910	2003-12-08	us-request	PMXP0173-usrequ.xml	1554	2003-12-08	us-request	us-request.dtd	19064	2003-12-08	us-request	us-request.xml	33300	2003-12-08	application-body	PMXP0173-trans.xml	17616	2003-12-08	application-body	us-application-body.xml	83497	2003-12-08	application-body	application-body.dtd	49498	2003-12-08	application-body	wipo.ent	4956	2003-12-08	application-body	mathml2.dtd	54588	2003-12-08	application-body	mathml2-qname-1.mod	13225	2003-12-08	application-body	isoamsa.ent	5191	2003-12-08	application-body	isoamsb.ent	3988	2003-12-08	application-body	isoamsc.ent	1460	2003-12-08	application-body	isoamsn.ent	5620	2003-12-08	application-body	isoamso.ent	1934	2003-12-08	application-body	isoamsr.ent	7073	2003-12-08	application-body	isogr3.ent	3559	2003-12-08	application-body	isomfrk.ent	4553	2003-12-08
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																																																																																												
us-fee-sheet	PMXP0173-usfees.xml	2012	2003-12-08																																																																																																																												
us-fee-sheet	us-fee-sheet.xml	24912	2003-12-08																																																																																																																												
us-fee-sheet	us-fee-sheet.dtd	11069	2003-12-08																																																																																																																												
us-declaration	PMXP0173-usdecl.xml	648	2003-12-08																																																																																																																												
us-declaration	us-declaration.dtd	3833	2003-12-08																																																																																																																												
us-declaration	us-declaration.xml	10015	2003-12-08																																																																																																																												
us-power-of-attorney-grant	PMXP0173-uspoat.xml	981	2003-12-08																																																																																																																												
us-power-of-attorney-grant	us-power-of-attorney-grant.dtd	4923	2003-12-08																																																																																																																												
us-power-of-attorney-grant	us-power-of-attorney-grant.xml	12448	2003-12-08																																																																																																																												
us-assignment	PMXP0173-usassn.xml	1426	2003-12-08																																																																																																																												
us-assignment	us-assignment.xml	8983	2003-12-08																																																																																																																												
us-assignment	us-assignment.dtd	10898	2003-12-08																																																																																																																												
us-assignment	PMXP0173ASS1.tif	56910	2003-12-08																																																																																																																												
us-request	PMXP0173-usrequ.xml	1554	2003-12-08																																																																																																																												
us-request	us-request.dtd	19064	2003-12-08																																																																																																																												
us-request	us-request.xml	33300	2003-12-08																																																																																																																												
application-body	PMXP0173-trans.xml	17616	2003-12-08																																																																																																																												
application-body	us-application-body.xml	83497	2003-12-08																																																																																																																												
application-body	application-body.dtd	49498	2003-12-08																																																																																																																												
application-body	wipo.ent	4956	2003-12-08																																																																																																																												
application-body	mathml2.dtd	54588	2003-12-08																																																																																																																												
application-body	mathml2-qname-1.mod	13225	2003-12-08																																																																																																																												
application-body	isoamsa.ent	5191	2003-12-08																																																																																																																												
application-body	isoamsb.ent	3988	2003-12-08																																																																																																																												
application-body	isoamsc.ent	1460	2003-12-08																																																																																																																												
application-body	isoamsn.ent	5620	2003-12-08																																																																																																																												
application-body	isoamso.ent	1934	2003-12-08																																																																																																																												
application-body	isoamsr.ent	7073	2003-12-08																																																																																																																												
application-body	isogr3.ent	3559	2003-12-08																																																																																																																												
application-body	isomfrk.ent	4553	2003-12-08																																																																																																																												

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
application-body	isomopf.ent	2571	2003-12-08
application-body	isomscr.ent	4628	2003-12-08
application-body	isotech.ent	5268	2003-12-08
application-body	isobox.ent	3568	2003-12-08
application-body	isocyr1.ent	5345	2003-12-08
application-body	isocyr2.ent	2504	2003-12-08
application-body	isodia.ent	1508	2003-12-08
application-body	isolat1.ent	5282	2003-12-08
application-body	isolat2.ent	9007	2003-12-08
application-body	isonum.ent	5913	2003-12-08
application-body	isopub.ent	6621	2003-12-08
application-body	mmlextra.ent	7901	2003-12-08
application-body	mmlalias.ent	38209	2003-12-08
application-body	soextblx.dtd	12870	2003-12-08
application-body	PmXP0173usa-01.tif	20480	2003-12-08
application-body	PmXP0173usa-02.tif	7424	2003-12-08
application-body	PmXP0173usa-03.tif	12242	2003-12-08
us-declaration	PMXP0173DEC1.tif	46592	2003-12-08
us-declaration	PMXP0173DEC2.tif	18586	2003-12-08
package-data	PMXP0173-pkda.xml	8935	2003-12-08
package-data	package-data.dtd	27025	2003-12-08
package-data	us-package-data.xsl	19263	2003-12-08
Total files size		731476	

Message Digest:

081b3368347e6030d724f8cfb4781c7bb320fd17

Digital Certificate Holder  
Name:

cn=Winston Hsu,ou=Registered  
Attorneys,ou=Patent and  
Trademark  
Office,ou=Department of  
Commerce,o=U.S.  
Government,c=US